

Tuesday, March 18, 1997
LIFELESS (?) MARTIAN METEORITE
1:30 p.m. Room B

Chairs: T. J. McCoy
M. Wadhwa

Kaneda K.* McKay G. Le L.

Synthetic and Natural Nakhla Pyroxenes: Minor Elements Composition

Mikouchi T.* Miyamoto M. McKay G.

Similarities in Zoning of Pyroxenes from QUE94201 and EETA79001 Martian Meteorites

Mittlefehldt D. W.* Lindstrom D. J. Lindstrom M. M. Martinez R. R.

Lithology A in EETA79001—Product of Impact Melting on Mars

Minitti M. E.* Rutherford M. J. Giletti B. J. Schultz P. H.

The Effects of Impact on D/H of Hornblendes: Applications to SNC Petrogenesis

Righter K.* Hervig R. L. Kring D. A.

Ion Microprobe Analyses of SNC Meteorite Melt Inclusions

Borg L. E.* Nyquist L. E. Taylor L. A. Wiesmann H. Shih C. -Y.

Rb-Sr and Sm-Nd Isotopic Analyses of QUE 94201: Constraints on Martian Differentiation Processes

Jagoutz E.*

Isotopic Constrains on Differentiation and Evolution of SNC Meteorites

Lee D-C.* Halliday A. N.

Hf-W Evidence for Early Differentiation of Mars and the Eucrite Parent Body

Mathew K. J.* Kim J. S. Marti K.

Xenon Components in Martian Meteorites: Evidence for Atmospheric Evolution?

Swindle T. D.* Grier J. A. Li B. Olson E. Lindstrom D. J. Treiman A. H.

K-Ar Ages of Lafayette Weathering Products: Evidence for Near-Surface Liquid Water on Mars in the Last Few Hundred Million Years

Jull A. J. T.* Eastoe C. J. Cloudt S.

Terrestrial Age of the Lafayette Meteorite and Stable-Isotopic Composition of Weathering Products

Franchi I. A.* Sexton A. S. Wright I. P. Pillinger C. T.

A Refinement of the Oxygen Isotopic Composition of Mars

Wang M.-S. Mokos J. Lipschutz M. E.*

Volatile and Other Trace Elements in Martian Meteorites